
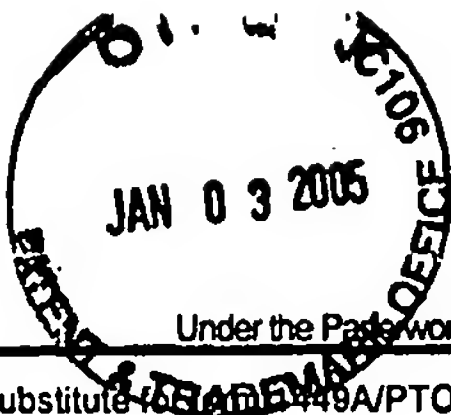


# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

<b>Title of Invention</b>	<b>UWB PULSE GENERATOR AND UWB PULSE GENERATION METHOD</b>						
 Application Number : / 							
Confirmation Number:							
First Named Applicant:	Heng-Chia Chang						
Attorney Docket Number:	6234800003						
Art Unit:							
Examiner:							
Search string:	( 4641317 or 4813057 or 4979186 or 5303108 ).pn						
 <b>US Patent Documents</b>							
<b>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</b>							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
/RD/	1	4641317	1987-02-03	Fullerton			
/RD/	2	4813057	1989-03-14	Fullerton			
/RD/	3	4979186	1990-12-18	Fullerton			
/RD/	4	5303108	1994-11-08	Higashionji			
 <b>Remarks</b>							
Note: Remarks are not for responding to an office action.							
The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.							
<b>Signature</b>							
Examiner Name				Date			
/Raymond Dean/				04/03/2007			



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute Form 159A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

**Complete if Known**

Application Number

10/709,498

Filing Date

May 10, 2004

First Named Inventor

Heng-Chia CHANG

Art Unit

3662

Examiner Name

Not yet assigned.

Attorney Docket Number

62348.00003

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
/RD/	1	US- 4, 813,057	03-14-1989	Larry W. FULLERTON	
/RD/	2	US- 4,641,317	02-03-1987	Larry W. FULLERTON	
/RD/	3	US- 4,979,186	12-18-1990	Larry W. FULLERTON	
/RD/	4	US-5,363,108	11-08-1994	Larry W. FULLERTON	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

/Raymond Dean/

Date  
Considered

04/03/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/709,498
		Filing Date	May 10, 2004
		First Named Inventor	Heng-Chia CHANG
		Art Unit	3662
		Examiner Name	Not yet assigned.
		Attorney Docket Number	62348.00003
(Use as many sheets as necessary)			
Sheet	2	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/RD/	5	HAN, J., <i>et al.</i> , "A New Ultra-Wideband, Ultra-Short Monocycle Pulse Generator with Reduced Ringing," <u>IEEE Microwave and Wireless Components Letters</u> , June 2002, Vol. 12, Issue 6, pp. 206-208.	
/RD/	6	LEE, J.S. <i>et al.</i> , "Novel Low-Cost Ultra-Wideband, Ultra-Short-Pulse Transmitter with MESFET Impulse-Shaping Circuitry For Reduced Distortion and Improved Pulse Repetition Rate," <u>IEEE Microwave and Wireless Components Letters</u> , Vol. 11, Issue 5, pp. 208-210, May 2001.	

Examiner Signature	/Raymond Dean/	Date Considered	04/30/2007
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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